Assignment 1

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MainActivty.kt

```kotlin
package main.healthcare.sampletraining

import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.layout.Arrangement
import androidx.compose.foundation.layout.Column
import androidx.compose.foundation.layout.fillMaxSize
import androidx.compose.foundation.layout.padding
import androidx.compose.material3.Button
import androidx.compose.material3.ExperimentalMaterial3Api
import androidx.compose.material3.Text
import androidx.compose.material3.TextField
import androidx.compose.runtime.Composable
import androidx.compose.runtime.getValue
import androidx.compose.runtime.mutableStateOf
import androidx.compose.runtime.remember
import androidx.compose.runtime.setValue
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.text.TextStyle
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.dp

class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            Column(modifier = Modifier.fillMaxSize(), verticalArrangement =
Arrangement.Center, horizontalAlignment = Alignment.CenterHorizontally){
                simpleText()
                simpleTextField()
                simpleTextFieldtwo()
                simpleButton()
            }
        }
    }
}

@Composable
fun simpleText(){

    Text(text = "Sample Login Page", modifier = Modifier.padding(16.dp),
        style = TextStyle.Default
    )

}

@OptIn(ExperimentalMaterial3Api::class)
@Composable
fun simpleTextField(){

    var text by remember { mutableStateOf("") }
    TextField(value = text , onValueChange = {it -> text = it }, label = {
```

```kotlin
Text(text = "User Name")})
}


@OptIn(ExperimentalMaterial3Api::class)
@Composable
fun simpleTextFieldtwo(){
    var text by remember { mutableStateOf("") }
    TextField(value = text, onValueChange = {it -> text = it}, label = {
Text(text = "Password")})
}


@Composable
fun simpleButton(){
    Button(modifier = Modifier.padding(16.dp) , onClick = { /*TODO*/ }) {
        Text(text = "LOG IN")
    }
}


@Preview
@Composable
fun simpleTextPreview(){
    Column(modifier = Modifier.fillMaxSize(), verticalArrangement =
Arrangement.Center, horizontalAlignment = Alignment.CenterHorizontally){
        simpleText()

        simpleTextField()
        simpleTextFieldtwo()

        Column(modifier = Modifier.fillMaxSize(1f), verticalArrangement =
Arrangement.Bottom, horizontalAlignment = Alignment.CenterHorizontally) {
            simpleButton()
        }

    }
}
```